

# ● PRINTER RUSH ●

(PTO ASSISTANCE)

Application : <u>10/001,750</u>	Examiner : <u>B. Bai</u>	GAU : <u>2642</u>
From: <u>L. MITCHELL</u>	Location: <u>(IDC) FMF FDC</u>	Date: <u>8/9/05</u>
Tracking #: <u>6123479</u>		Week Date: <u>7/11/05</u>

DOC CODE	DOC DATE	MISCELLANEOUS
<input type="checkbox"/> 1449		<input type="checkbox"/> Continuing Data
<input type="checkbox"/> IDS		<input type="checkbox"/> Foreign Priority
<input checked="" type="checkbox"/> CLM	<u>8/6/04</u>	<input type="checkbox"/> Document Legibility
<input type="checkbox"/> IIFW		<input type="checkbox"/> Fees
<input type="checkbox"/> SRFW		<input checked="" type="checkbox"/> Other <u>A.. - 8/6/04</u>
<input type="checkbox"/> DRW		
<input type="checkbox"/> OATH		
<input type="checkbox"/> 312		
<input checked="" type="checkbox"/> SPEC	<u>8/6/04</u>	

[RUSH] MESSAGE: AMENDMENT DATED 8/6/04 IS ILLEGIBLE.

THANK YOU  
REM

[XRUSH] RESPONSE: See attached faxes

8-25-05

30 pages

INITIALS: Zub.

NOTE: This form will be included as part of the official USPTO record, with the Response document coded as XRUSH.

REV 10/04

Zedolf Siegemund left voice 214-528-2407  
8-25-05

# Siegesmund & Associates

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## FACSIMILE TRANSMITTAL SHEET

TO:	FROM:
Ms. Burch	R. Siegesmund
COMPANY:	DATE:
USPTO	8/25/2005
FAX NUMBER:	NO. OF PAGES INCLUDING COVER:
703-746-6830 308-6642	30
PHONE NUMBER:	RE:
703-305-0333	Re-Faxing of 8/6/04 Amendment
NOTES/COMMENTS:	

Berdis

Re: Application No. 10/001,750

Attorney Docket No. AUS920010751US1

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<b>TRANSMITTAL FORM</b> (to be used for all correspondence after initial filing)	Application Number	10/001,750
	Filing Date	10/31/2001
	First Named Inventor	BERSTIS
	Art Unit	2642
	Examiner Name	BING Q. BUI
	Attorney Docket Number	AUS920010751US1
Total Number of Pages in This Submission		

ENCLOSURES (Check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/Declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input checked="" type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input checked="" type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance communication to Technology Center (TC) <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Other Enclosure(s) (please identify below):
Remarks _____		
SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT		
Firm or Individual name	RUDOLF O. SIEGESMUND	
Signature	Rudolf O. Siegesmund	
Date	8/6/2004	

CERTIFICATE OF TRANSMISSION/MAILING		
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below		
Typed or printed name	RUDOLF O. SIEGESMUND	
Signature	Rudolf O. Siegesmund	Date 8/6/2004

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**FEE TRANSMITTAL  
for FY 2004**

Effective 10/01/2003. Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT

(\$ 220

**Complete if Known**

Application Number	10/001,750
Filing Date	10/31/2001
First Named Inventor	BERSTIS
Examiner Name	BING Q. BUI
Art Unit	2642
Attorney Docket No.	AUS9200/075/US1

**METHOD OF PAYMENT (check all that apply)**
☐ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None
☒ Deposit Account:Deposit  
Account  
Number  
Deposit  
Account  
Name

09-0447

INTERNATIONAL BUSINESS  
MACHINES CORPORATION

The Director is authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☒ Credit any overpayments☒ Charge any additional fee(s) or any underpayment of fee(s)☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.**FEE CALCULATION****1. BASIC FILING FEE**

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1001	770	2001	385	Utility filing fee	
1002	340	2002	170	Design filing fee	
1003	530	2003	265	Plant filing fee	
1004	770	2004	385	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	

SUBTOTAL (1) (\$)

**2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE**

Total Claims		Extra Claims		Fee from below		Fee Paid	
Independent		-20** =		X			
Multiple Dependent		-3** =		X			

Large Entity		Small Entity		Fee Description
Fee Code	Fee (\$)	Fee Code	Fee (\$)	
1202	18	2202	9	Claims in excess of 20
1201	88	2201	43	Independent claims in excess of 3
1203	280	2203	145	Multiple dependent claim, if not paid
1204	88	2204	43	** Reissue independent claims over original patent
1205	18	2205	9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$)

\*\*or number previously paid, if greater. For Reissues, see above

**FEE CALCULATION (continued)****3. ADDITIONAL FEES**

Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
1051	130	2051	65	Surcharge - late filing fee or oath	
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	
1053	130	1053	130	Non-English specification	
1812	2,520	1812	2,520	For filing a request for <i>ex parte</i> reexamination	
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
1251	110	2251	55	Extension for reply within first month	
1252	420	2252	210	Extension for reply within second month	
1253	860	2253	475	Extension for reply within third month	
1254	1,400	2254	740	Extension for reply within fourth month	
1255	2,010	2255	1,005	Extension for reply within fifth month	
1401	330	2401	165	Notice of Appeal	
1402	330	2402	165	Filing a brief in support of an appeal	
1403	290	2403	145	Request for oral hearing	
1451	1,510	1451	1,510	Petition to institute a public use proceeding	
1452	110	2452	55	Petition to revive - unavoidable	
1453	1,330	2453	665	Petition to revive - unintentional	
1501	1,330	2501	665	Utility issue fee (or reissue)	
1502	400	2502	240	Design issue fee	
1503	640	2503	320	Plant issue fee	
1480	130	1480	130	Petitions to the Commissioner	
1807	50	1807	50	Processing fee under 37 CFR 1.17(g)	
1806	180	1806	180	Submission of Information Disclosure Stmt	
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
1809	770	2809	385	Filing a submission after final rejection (37 CFR 1.129(a))	
1810	770	2810	385	For each additional invention to be examined (37 CFR 1.129(b))	
1801	770	2801	385	Request for Continued Examination (RCE)	
1802	900	1802	900	Request for expedited examination of a design application	

Other fee (specify) **TERMINAL DISCIMER X2**

220

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ 220

**SUBMITTED BY**Name (Print/Type) **RUDOLF O. SIEGESMUND**

Registration No.

(Attorney/Agent)

37,720

(Complete if applicable)

Telephone **214-528-2407**

Signature

**Rudolf O. Siegesmund**

Date

8/6/04

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**TERMINAL DISCLAIMER TO OBVIATE A PROVISIONAL DOUBLE PATENTING  
REJECTION OVER A PENDING SECOND APPLICATION**

Docket Number (Optional)

AUS920010751 US1

In re Application of: BEUSTISApplication No.: 10/001,750Filed: 10/31/2001For: APPARATUS AND METHOD FOR TRANSMISSION AND RECEIPT OF  
CONFERENCE CALL ROSTER INFORMATION VIA THE INTERNET

The owner\*, IBM, of 100 percent interest in the instant application hereby disclaims, except as provided below, the terminal part of the statutory term of any patent granted on the instant application, which would extend beyond the expiration date of the full statutory term defined in 35 U.S.C. 154 and 173 as shortened by any terminal disclaimer filed prior to the grant of any patent granted on pending second Application Number 10/001,743 filed on 10/31/2001 of any patent on the pending second application. The owner hereby agrees that any patent so granted on the instant application shall be enforceable only for and during such period that it and any patent granted on the second application are commonly owned. This agreement runs with any patent granted on the instant application and is binding upon the grantee, its successors or assigns.

In making the above disclaimer, the owner does not disclaim the terminal part of any patent granted on the instant application that would extend to the expiration date of the full statutory term as defined in 35 U.S.C. 154 and 173 of any patent granted on the second application, as shortened by any terminal disclaimer filed prior to the patent grant, in the event that any such granted patent: expires for failure to pay a maintenance fee, is held unenforceable, is found invalid by a court of competent jurisdiction, is statutorily disclaimed in whole or terminally disclaimed under 37 CFR 1.321, has all claims canceled by a reexamination certificate, is reissued, or is in any manner terminated prior to the expiration of its full statutory term as shortened by any terminal disclaimer filed prior to its grant.

Check either box 1 or 2 below, if appropriate

1. ☐ For submissions on behalf of an organization (e.g., corporation, partnership, university, government agency, etc.), the undersigned is empowered to act on behalf of the organization.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

2. ☒ The undersigned is an attorney or agent of record.

Rudolf O. Siegmund 8/6/2004  
Signature Date

RUDOLF O. SIEGSMUND  
Typed or printed name

214-528-2407 x11  
Telephone Number

- ☒ Terminal disclaimer fee under 37 CFR 1.20(d) is included.

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\*Statement under 37 CFR 3.73(b) is required if terminal disclaimer is signed by the assignee (owner).  
Form PTO/SB/96 may be used for making this statement. See MPEP § 324.

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**TERMINAL DISCLAIMER TO OBVIATE A PROVISIONAL DOUBLE PATENTING  
REJECTION OVER A PENDING SECOND APPLICATION**

Docket Number (Optional)

AUS920010751US1

In re Application of: BERSTISApplication No.: 10/001,750Filed: 10/31/2001For: APPARATUS AND METHOD FOR TRANSMISSION AND RECEIPT OF  
CONFERENCE CALL ROSTER INFORMATION VIA THE INTERNET

The owner, IBM, of 100 percent interest in the instant application hereby disclaims, except as provided below, the terminal part of the statutory term of any patent granted on the instant application, which would extend beyond the expiration date of the full statutory term defined in 35 U.S.C. 154 and 173 as shortened by any terminal disclaimer filed prior to the grant of any patent granted on pending second Application Number 10/001,757 filed on 10/31/2001 of any patent on the pending second application. The owner hereby agrees that any patent so granted on the instant application shall be enforceable only for and during such period that it and any patent granted on the second application are commonly owned. This agreement runs with any patent granted on the instant application and is binding upon the grantee, its successors or assigns.

In making the above disclaimer, the owner does not disclaim the terminal part of any patent granted on the instant application that would extend to the expiration date of the full statutory term as defined in 35 U.S.C. 154 and 173 of any patent granted on the second application, as shortened by any terminal disclaimer filed prior to the patent grant, in the event that any such granted patent expires for failure to pay a maintenance fee, is held unenforceable, is found invalid by a court of competent jurisdiction, is statutorily disclaimed in whole or terminally disclaimed under 37 CFR 1.321, has all claims canceled by a reexamination certificate, is reissued, or is in any manner terminated prior to the expiration of its full statutory term as shortened by any terminal disclaimer filed prior to its grant.

Check either box 1 or 2 below, if appropriate.

1. ☐ For submissions on behalf of an organization (e.g., corporation, partnership, university, government agency, etc.), the undersigned is empowered to act on behalf of the organization.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true, and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

2. ☒ The undersigned is an attorney or agent of record.

Rudolf O. Siegesmund 8/6/2004  
Signature Date

RUDOLF O. SIEGESMUND  
Typed or printed name

214-528-2407 x 11

Telephone Number

- ☒ Terminal disclaimer fee under 37 CFR 1.20(d) is included.

**WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.**

\*Statement under 37 CFR 3.73(b) is required if terminal disclaimer is signed by the assignee (owner).  
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This collection of information is required by 37 CFR 1.321. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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AUS920010751US1

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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Application No.: 10/001,750

Applicant: Berstis

Filing Date: 10/31/2001

Art Unit: 2642

Title: Apparatus and Method for Transmission and Receipt of  
Conference Call Roster Information Via the Internet

**AMENDMENT**

Mail Stop Non-Fee Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

In response to the communication from the Examiner mailed 05/06/2004, please  
amend the application identified above as follows:

**Organization of Amendment:**

Section A	Cover Sheet	Page 1
Section B	Amendments to the Specification	Page 2
Section C	Amendments to the Claims	Page 13
Section D	Amendments to the Drawings	Page 19
Section E	Remarks	Page 20
Section F	Attachments	Page 21

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## **B. AMENDMENTS TO THE SPECIFICATION**

Please replace the paragraph immediately following the heading, SUMMARY OF THE INVENTION, and starting at line 8 on page 2 of the specification with the following paragraph:

The present invention allows a participant in a conference call to receive conference call information at a telephone display unit, at a computer display or at both types of display. The conference call information is updated during the call and includes identification of the speaker during a conference call. The conference callers are connected together and identified either by standard caller identification or by other identification provided by the operator. The conference callers' identifications are then transmitted in two ways. First, a coded signal is sent over the telephone connection to a telephone display unit. Second, an information packet is transmitted over the Internet to a conference call participant's computer. A server computer monitors the conference call and the identification of parties involved is updated ~~at~~ and parties are added or disconnected. The speaking party is identified in one of two ways. First, during the call, the speaker's telephone line will have a higher transmission amplitude than the other telephone lines and the line with the highest transmission amplitude will be identified by the server computer. Second, voice identification data is gathered before the conference call and stored in the server computer for use in identifying the speaker.

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Please Replace the BRIEF DESCRIPTION OF DRAWINGS section that begins on line 1 of page 3 of the specification with the following section:

#### BRIEF DESCRIPTION OF DRAWINGS

Figure 1 is depiction of a distributed data processing system;

Figure 2 is a depiction of a server computer;

Figure 3 is a depiction of a client computer;

Figure 4 is a depiction of the server computer connected to the telephone switchboard and to the Internet;

Figure 5 is depiction of the server computer attached to a modulator for sending a coded signal through the telephone connection;

Figure 6A is a depiction of the sever server computer memory;

Figure 6B is a depiction of the organization of the data files in the computer memory;

Figure 6C is a depiction of the organization of the programs in the computer memory;

Figure 6D is a depiction of the conference call list file;

Figure 6E is a depiction of a plurality of conference call information files;

Figure 6F is a depiction of a an incoming line list file;

Figure 6G is a depiction of a plurality of line information files;

Figure 6H is a depiction of a participant list file;

Figure 6I is a depiction of a plurality of participant information files;

Figure 6J is a depiction of a plurality of conference call line list files;

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Figure 6K is a depiction of a plurality of conference call links files;

Figure 7 is a depiction of the telephone display unit;

Figure 8 is a depiction of the computer display;

Figure 9A is a depiction of the information shown at the telephone display unit;

Figure 9B is a depiction of alternate information shown at the telephone display unit;

Figure 10 is a flow chart of the information packet program;

Figure 11 is a flow chart of the telephone display unit program;

Figure 12 is a flow chart of the voice amplitude acquisition program;

Figure 13 is a flow chart of the voice amplitude display program;

Figure 14 is a flow chart of the voice print acquisition program; and

Figure 15 is a flow chart of the voice print identification program.

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Please replace the paragraph beginning on page 7, line 18 of the specification with the following paragraph:

Those of ordinary skill in the art will appreciate that the hardware in Figure 3 may vary depending on the implementation. Other internal hardware or peripheral devices, such as flash ROM (or equivalent nonvolatile memory) or optical disk drives and the like, may be used in addition to or in place of the hardware depicted in Figure 3. Also, the processes of the present invention may be applied to a multiprocessor data processing system. For example, data processing system 300, if configured as a network computer, may not include SCSI host bus adapter 312, hard disk drive 326, tape drive 328, and CD-ROM 330, as noted by dotted line 332 in Figure 3 denoting optional inclusion. In that case, the computer, to be properly called a client computer, must include some type of network communication interface, such as LAN adapter 310, modem 322, or the like. As another example, data processing system 300 may be configured to be bootable without relying on some type of network communication interface. As a further example, data processing system 300 may be a Personal Digital Assistant (PDA) device which is configured with ROM and/or flash ROM in order to provide non-volatile memory for storing operating system files and/or user-generated data. The depicted example in Figure 3 and above-described examples are not meant to imply architectural limitations with respect to the present invention. It is important to note that while the present invention has been described in the context of a fully functioning data processing system, those of ordinary skill in the art will appreciate that the processes of the present invention are capable of being distributed in a form of a computer readable medium of instructions

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and a variety of forms and that the present invention applies equally regardless of the particular type of signal bearing media actually used to carry out the distribution.

Examples of computer readable media include recordable-type media, such as a floppy disc, a hard disk drive, a RAM, and CD-ROMs, and transmission-type media, such as digital and analog communications links.

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Please replace the paragraph beginning on page 8, line 19 of the specification with the following paragraph:

Figure 4 is a depiction of Caller ID System 1 (CIDS1) 400. CIDS1 has computer 410 connected to amplitude discriminator 420 by line 414 and to network 102 by line 404. Computer 410 may be a server computer such as data processing system 200 in Fig. 2. In the preferred embodiment network 102 is the Internet. Amplitude discriminator 420 is connected to switch 430 by line 424. Switch 430 connects incoming telephone lines (TL) TL1 432, TL2 436, TL3 440, TL4 444, TL5 448 and TL6 452. The incoming telephone lines may be wire or wireless and extend from public switch telephone network (PSTN) 480. Switch 430 can configure the incoming lines to form any combination of conference calls. For purposes of illustration only, and not by way of limitation, conference call A (CCA) 460 and conference call B (CCB) 470 are shown. CCA 460 has TL1 432, TL3 440 and TL4 444 connected. CCB has TL2 436, TL5 448 and TL6 452 connected. Amplitude discriminator 420 determines the amplitude of the signal on TL1 432, TL2 436, TL3 440, TL4 444, TL5 448 and TL6 452. Amplitude discriminator transmits the amplitude of each line connected by switch 430 to computer 410. Computer 410 then determines which line in CCA has the greatest amplitude and transmits that information over network 102 to all participants in CCA. Computer 410 also determines which line in CCB 470 has the greatest amplitude and transmits that information over network 102 to all participants in CCB 470. In addition, Roster Information (RI) can be transmitted over the Network. As used herein the term Roster

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Information (RI) means a list of speaker identifications and any other information that may be desirable to furnish to a conference call participant and that can be accessed during the conference call by either a computer or a telephone display unit.

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Please replace the paragraph beginning on page 15, line 13 of the specification with the following paragraph:

Figure 10 depicts roster information program (RIP) 1000. RIP 1000 begins (1002) and queries the conference caller participant for input (1004). A determination is made as to whether data will be input by the operator (1006). If a determination is made that data will be input by the operator, RIP 1000 enters the data obtained by the operator (1008) and RIP 1000 goes to step 1022. If a determination is made that data will not be input by the operator, then RIP 1000 determines whether conference call numbers (CCN) have been assigned (1010). If CCNs have been assigned, the CCNs are entered (1012). If CCNs have not been assigned, then CCNs are assigned (1014). RIP 1000 displays the information (1022). A determination is made as to whether the information is complete (~~1022~~1024). If the information is not complete, an error message is displayed (1020) and a determination is made whether to override (1018). If a determination is made not to override, then additional information is entered (1016) and RIP 1000 goes to step 1022. If a determination is made to override, then RIP 1000 goes to step 1026 and the information is saved (1026). If at step 1024 a determination is made that the information is complete, then the information is saved as roster information (RI) (1026). A determination is made as to whether another entry is to be made (1028). If another entry is to be made, then RIP 1000 goes to step 1004. If another entry is not to be made, then RIP 1000 stops (1030).

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Please replace the paragraph beginning on page 18, line 10 of the specification with the following paragraph:

Figure 14 is a flow chart of voice identification acquisition program (VIA) 1400. VIA 1400 begins (1402) and a determination is made as to whether there is a new caller (1404). If not, VIA 1400 ends (1418). If there is a new caller, a voice sample is obtained (1406). A determination is made as to whether the voice sample is sufficient (1408). If not, an additional voice sample is obtained (1410) and VIA 1400 goes to step 1408. If the voice sample is sufficient, then the voice sample is analyzed (1412). Persons skilled in the art are aware of multiple way to analyze a voice sample for use in voice identification. For example, VIA 1400 may use a real-time Fourier transform on the voice sample to discern the unique overtone ~~patterns~~patterns of the speaker's vocal cavities. Alternatively, VIA 1400 may identify phonemes in the voice sample so that unique differences can be determined by observing the curvature of spectral response maxima over time. Different speakers have different curvatures (rates, inflections) in their speech which can be utilized to identify the speech. After analyzing the voice sample, a voice print is prepared and stored (1414). A determination is made as to whether there is another speaker (1416). If so, VIA 1400 goes to step 1406. If not, VIA 1400 ends (1418).

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Please replace the paragraph beginning on page 19, line 3 of the specification with the following paragraph:

Figure 15 is a flow chart of the voice print identification program (VPI) 1500. VPI 1500 begins (1502). VPI determines a current voice print for each speaker (1504). A determination is made as to whether the current voice print matches a voice print in memory (1506). If there is not a match, then the current voice print is stored in memory (1508) and VPI 1500 returns to step ~~1506~~ 1504. If a match is made at step 1506, the speaker whose voice print was matched is highlighted, or otherwise designated as discussed above in Fig. 8, 9A and 9B, in the Roster Information (RI) (1510). A new RI is sent (1512). A determination is made as to whether there is new speaker (1514). If there is a new speaker, then VPRI 1500 goes to step 1504. If not, a determination is made as to whether the conference call is over (1516). If the conference call is not over, VPI 1500 goes to step ~~1504~~ 1514. If the conference call is over, then VPI 1500 ends (1518).

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Please replace the abstract text (page 25 of the specification) with the following abstract text:

An apparatus and method is disclosed that allows a participant in a conference call to receive conference call roster information at a telephone display unit, at a computer display or at both types of display. The conference call information is updated during the call and includes identification of the speaker during a conference call. The conference callers are connected together and identified either by standard caller identification or by other identification provided by the operator. The conference callers' identifications are then transmitted in two ways. First, a coded signal is sent over the telephone connection to a telephone display unit. Second, an information packet is transmitted over the Internet to a conference call participant's computer. A server computer monitors the conference call and the identification of parties involved is updated a and parties are added or disconnected. The speaking party is identified in one of two ways. First, during the call, the speaker's telephone line will have a higher transmission amplitude than the other telephone lines and the line with the highest transmission amplitude will be identified by the server computer. Second, voice identification data is gathered before the conference call and stored in the server computer for use in identifying the speaker.

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### C. AMENDMENTS TO THE CLAIMS

1. (Currently amended) A method of providing information to a participant in a conference call in which a plurality of participants are connected by a plurality of lines and a switch, comprising:

using an amplitude acquisition program in the memory of a server computer,  
determining whether there is an incoming line with an amplitude greater than a threshold  
amplitude;

responsive to a determination that there is an incoming line with an amplitude  
greater than a threshold amplitude, storing the amplitude data for the incoming line; and

using the server computer connected to the switch, transmitting the identity of a  
participant, who is currently speaking, to a participant computer connected to the server  
computer by a network.

2. (Original) The method of claim 1 further comprising:

using the server computer, accessing an incoming line file corresponding to a line  
having the greatest amplitude.

3. (Original) The method of claim 1 further comprising:

using the server computer, determining a speaker's identity by accessing a  
participant file linked to a line information file for the line having a greatest amplitude.

4. (Original) The method of claim 1 further comprising:

using a participant computer connected to the server computer, displaying a

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speaker's identity on a participant computer screen

5. (Original) The method of claim 1 further comprising:

obtaining information by operator input.

6. (Original) The method of claim 1 further comprising:

assigning conference call identification numbers.

7. (Original) The method of claim 1 further comprising:

transmitting a roster information from the server computer to the participant computer over the network.

8. (Original) The method of claim 1 further comprising:

transmitting a speaker change from the server computer to the participant computer.

9. (Cancelled)

10. (Original) The method of claim 1 further comprising:

using the server computer, averaging a plurality of amplitude samples for each incoming line with an amplitude data; and

storing an average amplitude for each line with an amplitude data in a field of an incoming line file.

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11. (Currently amended) The method of claim 1 further comprising:

using the participant computer, displaying a roster information on ~~the~~ a participant computer screen.

12. (Currently amended) The method of claim 1 further comprising:

~~Scrolling~~ scrolling information on a participant computer screen.

13. (Currently amended) An apparatus for providing information to a participant in a conference call in which a plurality of participants are connected by a plurality of lines, ~~and a switch, and the Internet~~ comprising:

a server computer;

an amplitude discriminator connected to the switch;

a first storage medium in the server computer;

a display program residing in the first-storage medium;

an amplitude acquisition program residing in the first storage medium;

a plurality of participant computers connected to the server computer by a the plurality of lines and by ~~network~~the Internet;

a switch connected to ~~a~~ the plurality of lines and to the server computer;

wherein the program causes the server computer to:

display a roster information on the plurality of participant computers;

wherein the roster information includes a list of speaker identifications that can be accessed during the conference call by the participant computer;

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wherein the amplitude acquisition program determines whether there is an incoming line with an amplitude greater than a threshold amplitude, and responsive to a determination that there is an incoming line with an amplitude greater than a threshold amplitude, stores the amplitude data for the incoming line;

wherein the amplitude discriminator transmits the amplitude of each line connected by the switch to the server computer; and

wherein the server computer determines which line has the greatest amplitude and transmits this information to the plurality of participant computers so that the program causes each of the plurality of participant computers to display the identification of a participant who is currently speaking.

14. (Currently amended) The apparatus of claim 13 wherein the storage medium further comprises a conference call list file linked by pointers to a conference call information file that contains a designation of a current speaker.

15. (Currently amended) The apparatus of claim 13 wherein the storage medium further comprises a participant list file wherein each field containing a participant identification in the participant list file is linked by a pointer to a corresponding participant information file.

16. (Original) The apparatus of claim 13 wherein the storage medium further comprises a conference call list file.

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17. (Original) The apparatus of claim 13 wherein the storage medium further comprises a conference call information file.

18. (Original) The apparatus of claim 13 wherein the storage medium further comprises an incoming line list file.

19. (Original) The apparatus of claim 13 wherein the storage medium further comprises an incoming line information file.

20. (Original) The apparatus of claim 13 wherein the program identifies the conference call participant who is speaking by determining a conference call line with the greatest amplitude.

21. (Original) The apparatus of claim 13 wherein the network is the Internet.

22. (Currently amended) A computer readable memory for causing a server computer to transmit information over a network to a participant computer comprising:

a roster information program;

an amplitude acquisition program;

wherein the amplitude acquisition program determines whether there is an incoming line with an amplitude greater than a threshold amplitude; and

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responsive to a determination that there is an incoming line with an amplitude greater than a threshold amplitude, stores the amplitude for the incoming line.

23. (Cancelled)

24. The computer readable memory of claim 22 further comprising a voice amplitude display program.

25. (Cancelled)

26. (Original) The computer readable memory of claim 22 wherein the amplitude acquisition program:

averages a plurality of amplitude samples for each incoming line with an amplitude data; and

stores an average amplitude for each line with an amplitude data in a field of an incoming line file.

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#### **D. AMENDMENTS TO THE DRAWINGS**

Applicant submits three replacement sheet drawings (see section F) and requests amendment of the drawings as follows:

Sheet 3/15, FIG. 4 has been amended to add the numeral 424 to the line connecting switch 430 and amplitude discriminator 420. On page 8, lines 22- page 9, line 1, the specification states "Amplitude discriminator 420 is connected to switch 430 by line 424. The numeral 424 was inadvertently left off the original drawings, and a substitute drawing is provided attached to this response.

Sheet 4/5, FIG. 5 has been amended to add the numeral 424 to the line connecting switch 430 and amplitude discriminator 420. On page 9, lines 18-19, the specification states "[a]mplitude discriminator 420 is connected to switch 430 by line 424." The numeral 424 was inadvertently left off the original drawing, and a substitute drawing is provided attached to this response for correction.

Sheet 15/15, FIG. 15 has been amended to change IP in box 1510 to RI and to change IP in box 1512 to RI. The specification states "in the Roster Information (RI) (1510)" and "a new RI is sent (1512) on page 19, lines 8-9 of the specification. The reference to IP was a typographical error in the drawing and a substitute sheet is provided attached to this response.

No new matter has been added to the drawings.

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## **E. REMARKS**

### **1. Double Patenting**

Applicant submits terminal disclaimer's for Applications 10/001,743 and 10/001,757 to overcome the examiner's double patenting rejection.

### **2. Allowable Subject Matter**

The Examiner objected to claims 9-10 and 25-26 as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

### **2. Claim Rejections – 35 USC §102**

**a. The Examiner:** The Examiner rejected claims 1-8 and 11-24 under 35 USC §102(b) as being anticipated by US Patent 5,710,591 to Bruno (hereinafter "Bruno"). The Examiner cited col. 4, line 62-col. 5 line 7 and col. 5, lines 50-64.

**b. Response:** Applicant has amended claim 1 to incorporate the allowable subject matter of claim 9. Applicant has amended claim 22 to incorporate the allowable subject matter of claim 25. In addition, applicant has amended claim 13 and included in the amendments the allowable subject matter cited by the examiner. Applicant submits that the claims are now in condition for allowance.

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## **F. ATTACHMENTS**

The attachments to this response are as follows:

Replacement Sheet 3/15 FIG. 4

Replacement Sheet 4/15 FIG. 5

Replacement Sheet 15/15 FIG. 15

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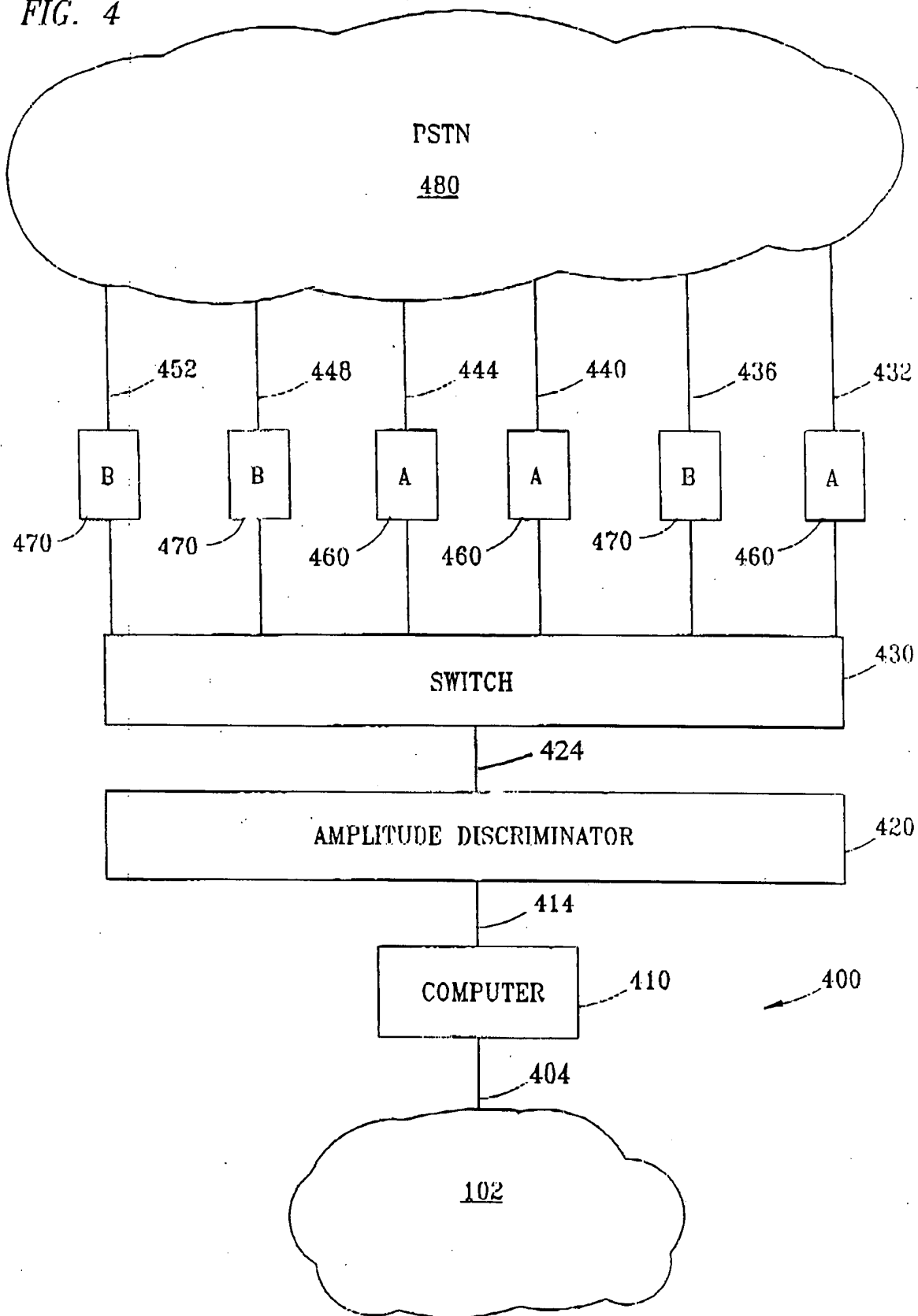
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*Rudolf O. Siegesmund*  
Rudolf O. Siegesmund

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REPLACEMENT SHEET

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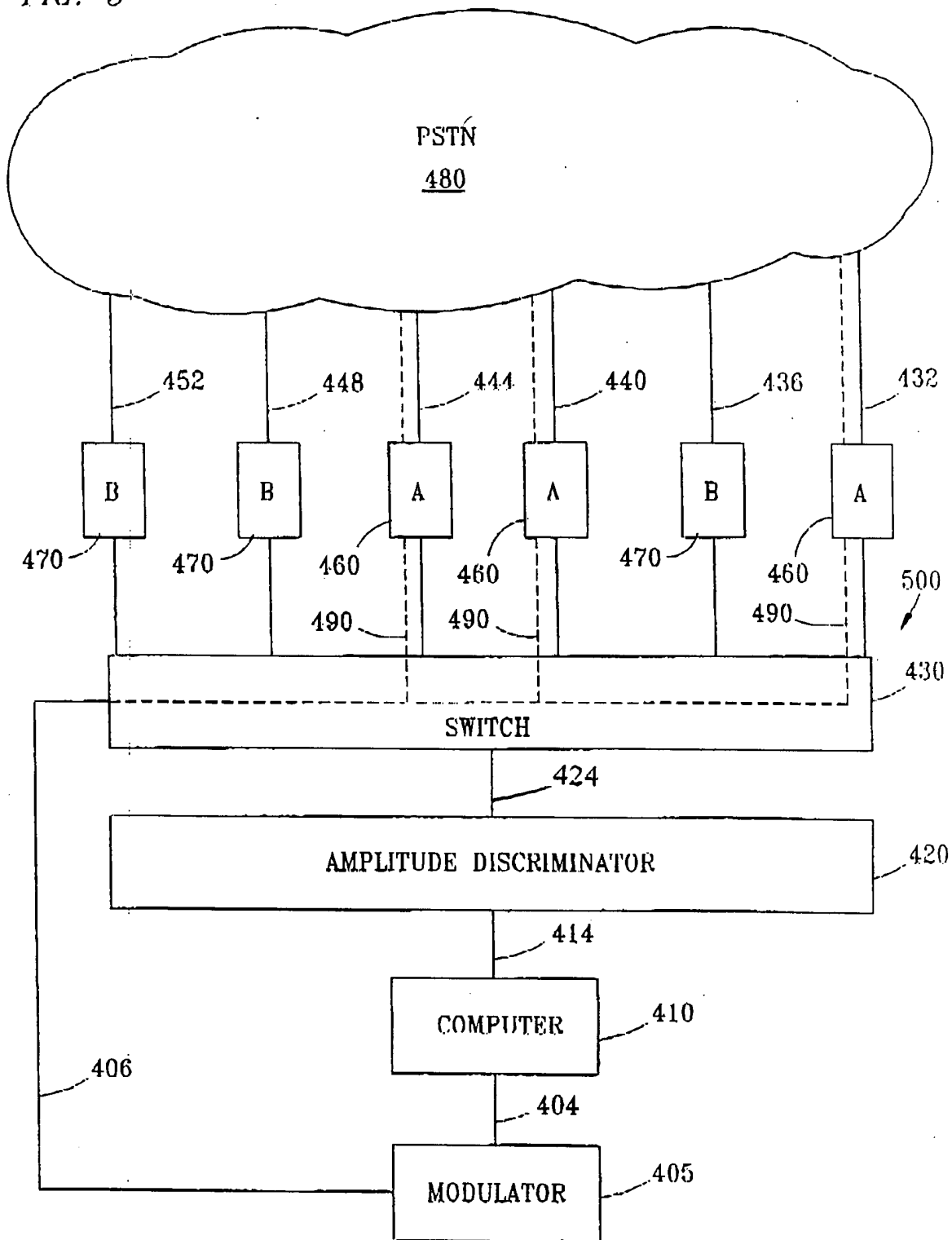
FIG. 4



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FIG. 5



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FIG. 15

